

INSTRUCTION SHEET

Expansion Module Clamp for HG series

MICRO/I™

Confirm that the delivered product is what you have ordered. Read this instruction sheet to make sure of correct operation. Make sure that the instruction sheet is kept by the end user.

SAFETY NOTE

In this operation instruction sheet, safety precautions are categorized in order of importance to Warning and Caution:

WARNING

Warning notices are used to emphasize that improper operation may cause severe personal injury or death.

CAUTION

Caution notices are used where inattention might cause personal injury or damage to equipment.

1 Type

HG9Z-XJ□PN05

□ : Applicable thickness code
(Indicates a thickness of one or two MICROSmart expansion module.)

Type No.	Applicable thickness
HG9Z-XJ1PN05	17.6 to 41.1
HG9Z-XJ2PN05	47.0 to 68.8

Unit (mm)

Refer to "5 Applicable expansion module".

When using the two modules, calculate the sum of these thicknesses.

2 Packing content

Type No.	Product Name	Qt.
HG9Z-XJ1PN05	Mounting clamp (Small size)	5
	Nut	5
	Screw	5
HG9Z-XJ2PN05	Mounting clamp (Large size)	5
	Nut	5
	Screw	5



Mounting clamp



Nut



Screw

Attachment: Instruction sheet (this sheet)

3 Notes for operation

- For confirmation about the environmental specification and the operating environment for installation, see the instruction manual of HG series.

- Regularly check the mounting clamp is tightened sufficiently. If the mounting clamp is loose, tighten it to the recommended tightening torque.

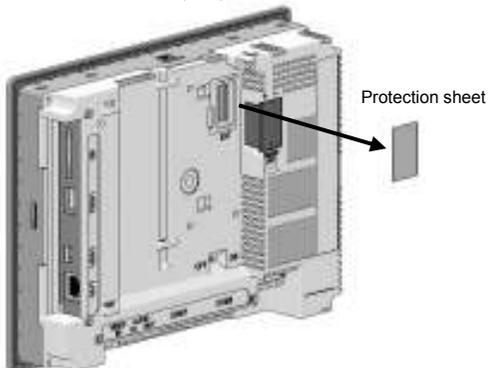
CAUTION

- Turn off the power supply when you set up the unit, connect cables or perform maintenance and inspection.
- Before connecting the expansion module, see the instruction manual of HG series.
- Incorrect handling of the HG will result in falling, failure, electrical shock, fire hazard, or malfunction.
- Do not deform the mounting clamp. If the mounting clamp is deformed, the expansion module is not in the right position.

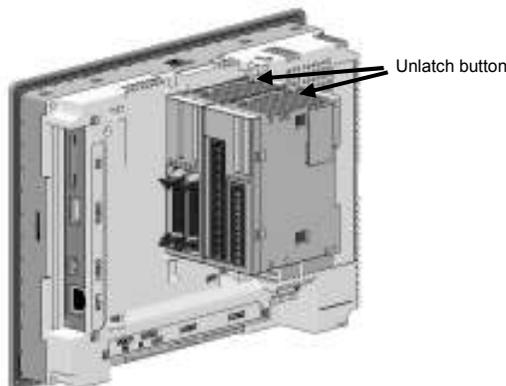
4 Installation

- The following example demonstrates the procedure for assembling the two expansion modules into the 8.4 inch type of HG3G series.

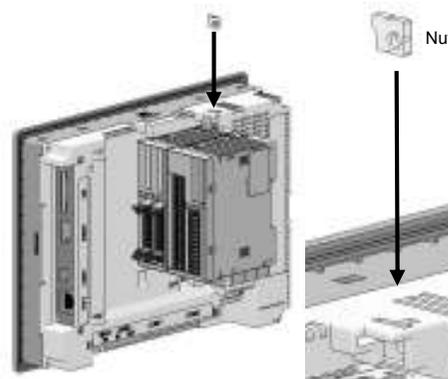
Procedure 1. Remove the protection sheet of expansion module interface (EXT) from the HG series.



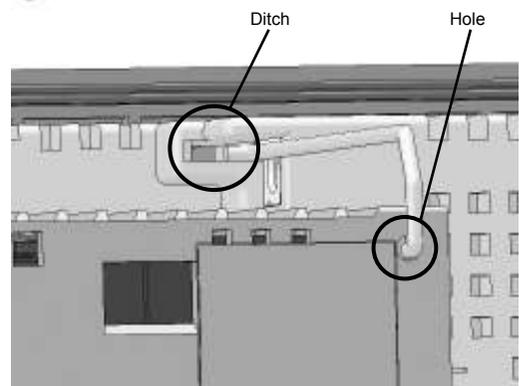
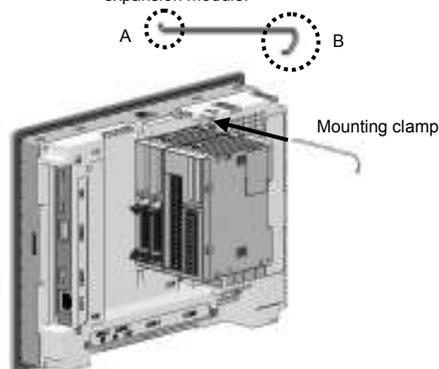
Procedure 2. Push down the unlatch button of the expansion module. Then with the expansion connectors aligned correctly, push the expansion module into the HG series until the latches click to attach the module to the HG series firmly. If the unlatch button is the up position, push down the button to engage the latches.



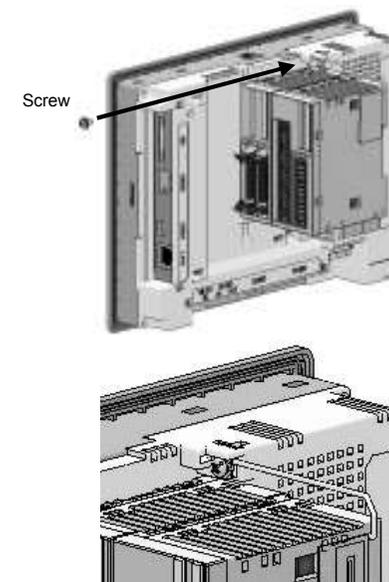
Procedure 3. Insert the nut into the ditch of the HG series as shown in the following figure.



Procedure 4. Insert the A side of the mounting clamp. And hook the B side of the mounting clamp on the hole of the expansion module.



Procedure 5. Fasten the mounting clamp with the screw to a specified torque of 0.6 N·m. After fastening the mounting clamp, make sure that the mounting clamp is not loose.



CAUTION

- Use only the designated screw.

5 Applicable expansion module

Expansion module	Type	Thickness (W)
Digital Input	FC4A-N32B3	29.7
	FC4A-N16B3	17.6
	FC4A-N16B1	23.5
	FC4A-N08B1	23.5
Transistor Output	FC4A-T32K3	29.7
	FC4A-T32S3	29.7
	FC4A-T16K3	17.6
	FC4A-T16S3	17.6
	FC4A-T08K1	23.5
Relay Output	FC4A-T08S1	23.5
	FC4A-R161	23.5
Mixed I/O	FC4A-R081	23.5
	FC4A-M24BR2	39.1
	FC4A-M08BR1	23.5

Unit (mm)

CAUTION

- Use only the expansion modules that have been shown in the above-mentioned table.